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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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PTO/SEA08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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### Complete if Known

Application Number	08/962,197
Filing Date	10/27/1997
First Named Inventor	NARIL GHALY
Art Unit	3713
Examiner Name	JULIE K. BROCKETT
Attorney Docket Number	

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
ALL	P1	US	3,367,653	02-06-1968	Brown	Abstract
	P2	US	3,417,995	12-24-1968	Creely	Abstract
	P3	US	3,779,553	12-18-1973	Secter	Abstract
	P4	US	3,982,764	09-28-1976	Dieball	Abstract
	P5	US	5,573,245	11-12-1996	Weiner, et al.	claim 1
	P6	US	5,603,500	02-18-1997	olti, et al.	claim 1
	P7	US	6,976,916	12-20-2005	Rural, et al.	Title & Background
	P8	US	6,507,568	07-19-2005	Schlieffers, et al.	Title, claim & Fig. 1
	P9	US	6,861,962	03-01-2005	Spencer	Abstract & claim 1
	P10	US	6,948,869	09-27-2005	Macor	Title, Abstract & claim 1
	P11	US	6,989,732	01-24-2006	Fisher	Abstract & claim 1
	P12	US	6,920,339	07-19-2005	choy, et al.	Title, Abstract & claim 1
	P13	US	6,922,280	06-28-2005	Henry	Title, Abstract & claims 1-4
	P14	US	6,950,680	09-27-2005	Kela, et al.	Abstract, claim 1, Figs. 1 & 2
	P15	US	6,968,206	11-22-2005	Whitely-Anderson	claim 1, Figures 1 & 6
	P16	US	6,930,260	08-16-2005	Cleary, et al.	Abstract, claim 1, Fig. 1
		US				
		US				

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup>	Number & Kind Code <sup>2</sup> (if known)				

Examiner Signature

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Complete if Known

Application Number	08/962,971
Filing Date	6/27/1997
First Named Inventor	NARIL N. GHALY
Art Unit	3713
Examiner Name	Julie K. Brokehi
Attorney Docket Number	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RL	I1	Internet Document- <a href="http://new.arcusa.com/8427/index.html">http://new.arcusa.com/8427/index.html</a> - ARC-USA, Inc. - Keypads	
	I2	Internet Document- <a href="http://www.nyx.net/~LTURNER/PUBLIC-HTML/TMS1000INS.HTML">www.nyx.net/~LTURNER/PUBLIC-HTML/TMS1000INS.HTML</a> - Instruction set for Texas Instruments TMS1000	
	I3	Internet Document- <a href="http://www.cacs.louisiana.edu/~mgr/404/burks/pcinfo/hardware/cpu.htm">http://www.cacs.louisiana.edu/~mgr/404/burks/pcinfo/hardware/cpu.htm</a> - Description of the Texas Instrument TMS1000 micro-controller, indicating the use of "hardwired" instructions	
	I4	Text Book: Digital Systems Logic and Circuits Author: B. ZACHAROV Publisher: American Elsevier Pub. Co., Inc. 1968 Pages 53-83 - show the symbol $\odot$ describing the Coincidence Boolean operator $\bar{A}\bar{B} + AB$	
	I5	Text Book: Digital Design, 2nd Edition Author: M. MORRIS MANO Publisher: Prentice Hall, 1991 - New Jersey Pages 56-57 - show the symbol $\odot$ describing the	

Examiner Signature

RL

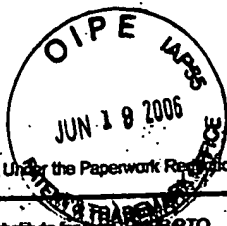
Date Considered

7/27/08

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### Complete If Known

Application Number	08/962,971
Filing Date	10/27/1997
First Named Inventor	NABIL N. GHALY
Art Unit	3713
Examiner Name	Julie K. Brockett
Attorney Docket Number	

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>ML</i>		equivalence Boolean operator $x'y + x'y'$	
	I6	Text Book: Digital Computer Design Fundamentals Author: JOAHAN CHU Publisher: McGraw-Hill, 1962 Pages 112-113 - show the symbol $\odot$ describing the Coincidence Boolean operator $\overline{A}\overline{B} + AB$	
	I7	Dictionary Definition for the term "Keypad" Webster's New World College Dictionary, Fourth Edition - Page 785 MICHAEL AGNES, Editor in Chief	
	I8	Internet Document: <a href="https://patentlaw.typepad.com/patent/2004/10/can_dependant_c.html">https://patentlaw.typepad.com/patent/2004/10/can_dependant_c.html</a> Article dated October 13, 2004, analyzing Ghaly v. Harbro - By DENNIS CROUCH	
<i>W</i>	I9	Dictionary Definition of the term "Push Button" Random House Webster's College Dictionary Page 1097	

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